(19) World Intellectual Property Organization International Bureau





(43) International Publication Date 24 February 2005 (24.02.2005)

(10) International Publication Number WO 2005/016220 A3

(51) International Patent Classification 7: G01N 25/00, G01K 7/00

(21) International Application Number:

PCT/IB2004/003257

(22) International Filing Date: 12 August 2004 (12.08.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 157354

12 August 2003 (12.08.2003) IL

(71) Applicants and

(72) Inventors: EZRA, Lior, Ben [IL/IL]; 3rd Sidney Altam Street, Rishon Le-Zion (IL). SELLA, Yoav [IL/IL]; 41/3 Hacarmel Street, Kefar-Sava (IL).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,

GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

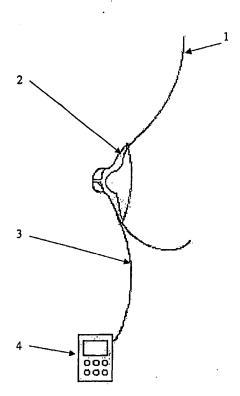
Published:

with international search report

(88) Date of publication of the international search report:

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: APPARATUS FOR DETERMINING THE AMOUNT OF MILK BREAST-FED TO A BABY BY CONVECTIVE HEAT TRANSFER



(57) Abstract: The apparatus for determining the amount of milk breast-fed to a baby by convection heat transfer includes a nipple shield, a tube and a thermal dilution gauge. On the nipple region of a mother, the nipple shield is mounted. Then, the tube is used to pass milk to the baby. The amount of milk passing through the tube is measured by the thermal dilution gauge.

WO 2005/016220 A3 ||